

What is Claimed is:

1. A fiber reinforced polypropylene-based composite material comprising reinforcing fibers and a matrix resin, wherein the reinforcing fibers and the matrix resin are made of different polypropylene-based resins and wherein a melting point, $T_m(F)$, of the polypropylene-based resin which is the material forming the reinforcing fibers and a melting point, $T_m(M)$, of the polypropylene-based resin which is the matrix resin satisfy $T_m(F) - T_m(M) > 10^\circ\text{C}$.

2. The fiber reinforced polypropylene-based composite material according to claim 1, wherein the polypropylene-based resin which is a material forming the reinforcing fibers is a propylene homopolymer having a melting point, $T_m(F)$, of not lower than 155°C or a copolymer of propylene and ethylene and/or α -olefin having 4 or more carbon atoms.

3. The fiber reinforced polypropylene-based composite material according to claim 1, wherein a nucleating agent is added to the polypropylene-based resin which is the material forming the reinforcing fibers.

4. The fiber reinforced polypropylene-based composite material according to claim 1, wherein the reinforcing fibers are mixed or inserted to the matrix resin in the form of a knitted fabric, a woven fabric or a fleece.

5. The fiber reinforced polypropylene-based composite material according to claim 1, wherein the reinforcing fibers are mixed or inserted to the matrix resin with being oriented in a single direction.

6. The fiber reinforced polypropylene-based composite material according to claim 1, wherein the reinforcing fibers have an average fiber

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